AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1 – 21. (Withdrawn)

22. (Currently amended) A projection system comprising,

a screen,

a projection unit optically coupled to the screen,

a plurality of beacon dots positioned about the periphery of the screen, ~~and~~

a detection system optically coupled to the screen and the plurality of beacon dots, and

a deflection shaping system operably coupled to the projection unit and the detection system.

23. (Original) The projection system of claim 22 wherein the detection system includes a photocell and a lens coupled to the photocell.

24. (Original) The projection system of claim 23 wherein the lens is a fish eye lens.

25. (Original) The projection system of claim 23 wherein the lens is an insect eye lens.

26 . (Original) The projection system of claim 22 wherein the detection system comprises an optical element and a detector element comprising an array of

photodetectors, the optical element being adapted to map a plurality of regions of measurement (ROMs) onto the detector element.

27. (Original) The projection system of claim 26 wherein the optical element comprises an array of lenses.

28. (Original) The projection system of claim 27 wherein the lenses are convex and hexagonal.

29. (Original) The projection system of claim 27 wherein the lenses are Fresnel lenses.

30. (Original) The projection system of claim 26 wherein the optical element comprises a hologram.

31 – 43. (Withdrawn)

44. (New) The projection system of claim 22 wherein the deflection shaping system further comprises deflection shaping circuitry used to maneuver a CRT beam.

45. (New) The projection system of claim 22 wherein the deflection shaping system further comprises at least one positioning device operatively connected to said projection unit.